

“Aerial Pipeline Inspection”

Submitted by:

Double M Helicopters, Inc. 10-Code, LLC

☐ Request for \$575,000 Total Project Costs \$2,350,000

PROJECT DESCRIPTION

- Uses a helicopter aerial platform and advanced visual identification and monitoring equipment to improve accuracy of aerial inspection and reconnaissance of hazardous liquid and natural gas transmission pipelines in North Dakota. The goals of this project are to demonstrate technologies and methodologies that will help in the early and more accurate detection of hydrocarbon-based spills and emissions, which will lead to reduced costs for remediation and environmental impact.

Technical Reviewers' Rating Summary					
		Technical Reviewer			
Statement	Weighting Factor	<u>G-34-09A</u>	<u>G-34-09C</u>	<u>Average Weighted Score</u>	
Objectives	9	3	4	27	
Achievability	7	3	3	21	
Methodology	8	3	4	24	
Contribution	8	4	4	32	
Awareness / Background	5	3	4	15	
Project Management	3	2	3	6	
Equipment / Facilities	2	3	5	8	
Value / Industry-Budget	4	3	5	16	
Financial Match – Budget	4	3	5	16	
Average Weighted Score		152	200	177	
Maximum Weighted Score				250 possible points	

TECHNICAL REVIEWER TOTALS

● G-34-09A

Average Weighted Score: **152 out of 250**

FUNDING TO BE CONSIDERED

● G-34-09B

Average Weighted Score: **200 out of 250**

FUND

DIRECTOR'S RECOMMENDATIONS

To fund in the amount of \$575,000 upon the following contingencies:

- Obtains a written agreement with a pipeline company; Or**
- Obtains a written agreement with appropriate State regulatory department (Health Department, Department of Mineral Resources) for specified flight time (negotiable)**